

STN (Registry / Caplus)

10/540,330

Search
Strategy

09/06/2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJMN1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAY 01 New CAS web site launched
NEWS 3 MAY 08 CA/CAPlus Indian patent publication number format defined
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 7 MAY 21 CA/CAPlus enhanced with additional kind codes for German patents
NEWS 8 MAY 22 CA/CAPlus enhanced with IPC reclassification in Japanese patents
NEWS 9 JUN 27 CA/CAPlus enhanced with pre-1967 CAS Registry Numbers
NEWS 10 JUN 29 STN Viewer now available
NEWS 11 JUN 29 STN Express, Version 8.2, now available
NEWS 12 JUL 02 LEMBASE coverage updated
NEWS 13 JUL 02 LMEDLINE coverage updated
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names
NEWS 15 JUL 02 CHEMCATS accession numbers revised
NEWS 16 JUL 02 CA/CAPlus enhanced with utility model patents from China
NEWS 17 JUL 16 CAPlus enhanced with French and German abstracts
NEWS 18 JUL 18 CA/CAPlus patent coverage enhanced
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 20 JUL 30 USGENE now available on STN
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 22 AUG 06 BEILSTEIN updated with new compounds
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 24 AUG 13 CA/CAPlus enhanced with additional kind codes for granted patents
NEWS 25 AUG 20 CA/CAPlus enhanced with CAS indexing in pre-1907 records
NEWS 26 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 27 AUG 27 USPATOLD now available on STN
NEWS 28 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that

specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:49:07 ON 05 SEP 2007

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:49:20 ON 05 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 SEP 2007 HIGHEST RN 946048-22-2

DICTIONARY FILE UPDATES: 4 SEP 2007 HIGHEST RN 946048-22-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

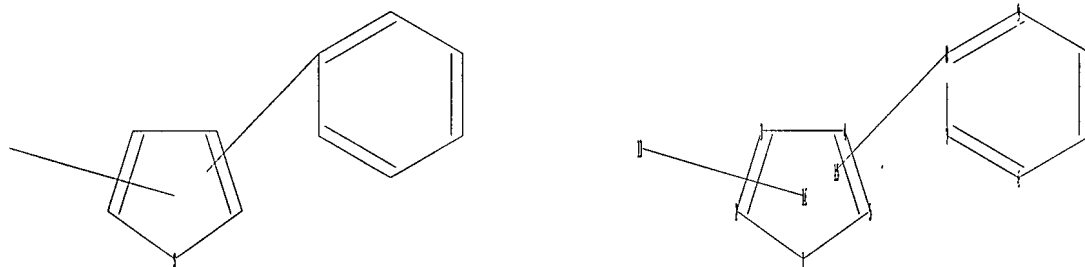
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\6.str



ring nodes :

1 2 3 4 5 6 7 8 9 10 11

ring/chain nodes :

13

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11
exact bonds :
1-2 1-5 2-3 3-4 4-5
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11
isolated ring systems :
containing 1 :

G1:Cb,Ak

Match level :

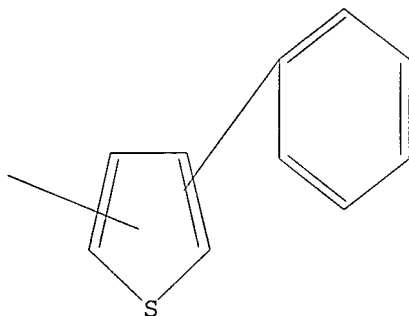
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 13:CLASS 15:CLASS 16:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:49:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 58873 TO ITERATE

3.4% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1162995 TO 1191925
PROJECTED ANSWERS: 74549 TO 82053

L2 50 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\7.str



```

chain nodes :
12 13 20
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 14 15 16 17 18 19
chain bonds :
12-13 13-14
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 14-15 14-19 15-16
16-17 17-18 18-19
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 12-13 13-14
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 14-15 14-19 15-16 16-17 17-18 18-19

```

G1:Cb,Ak

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 23:Atom

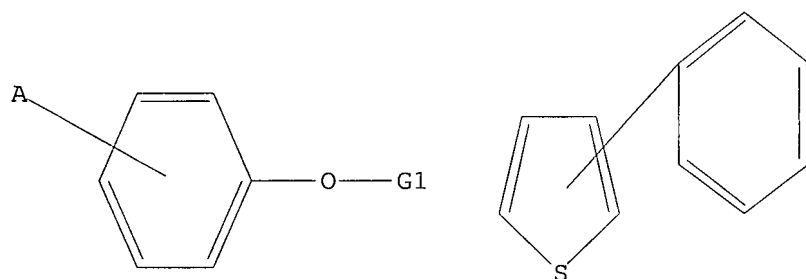
```

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



G1 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l3

SAMPLE SEARCH INITIATED 11:51:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 36831 TO ITERATE

5.4% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 725152 TO 748088
PROJECTED ANSWERS: 16945 TO 20621

L4 50 SEA SSS SAM L3

=> d scan

=> d his

(FILE 'HOME' ENTERED AT 11:49:07 ON 05 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:49:20 ON 05 SEP 2007

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED
L4 50 S L3

=> s l3 full

FULL SEARCH INITIATED 11:52:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 741628 TO ITERATE

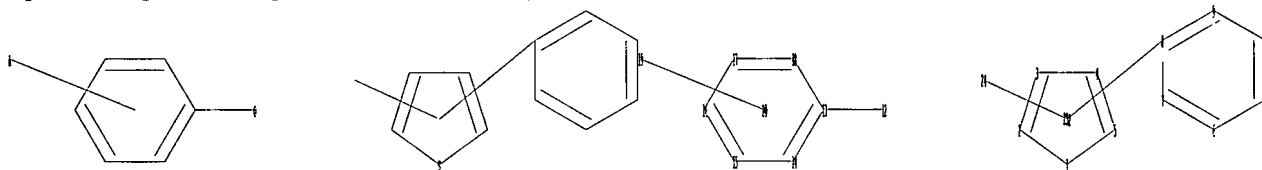
100.0% PROCESSED 741628 ITERATIONS
SEARCH TIME: 00.00.08

21110 ANSWERS

L5 21110 SEA SSS FUL L3

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\8.str



chain nodes :

12 19 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18

chain bonds :

12-13

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15
15-16 16-17 17-18

exact/norm bonds :

12-13

exact bonds :

1-2 1-5 2-3 3-4 4-5

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15 15-16 16-17 17-18

isolated ring systems :

containing 1 :

G1:Cb,Ak

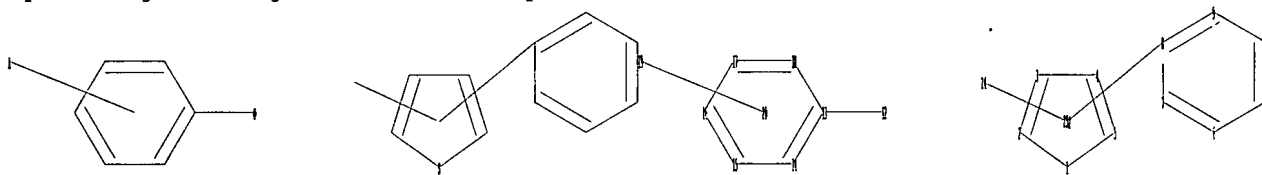
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:Atom 22:Atom 24:CLASS 25:Atom

L6 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\9.str



chain nodes :

12 19

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18

ring/chain nodes :

24

chain bonds :

12-13

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15

15-16 16-17 17-18

exact/norm bonds :

12-13

exact bonds :

1-2 1-5 2-3 3-4 4-5

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15 15-16 16-17 17-18

isolated ring systems :

containing 1 :

G1:Cb,Ak

Match level :

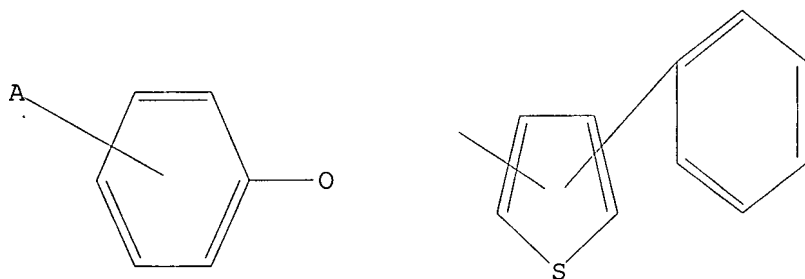
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:Atom 22:Atom 24:CLASS 25:Atom

L7 STRUCTURE UPLOADED

=> d

L7 HAS NO ANSWERS

L7 STR



G1 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s 17 full sub=L5

FULL SUBSET SEARCH INITIATED 11:53:36 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 17105 TO ITERATE

100.0% PROCESSED 17105 ITERATIONS

12969 ANSWERS

SEARCH TIME: 00.00.01

L8 12969 SEA SUB=L5 SSS FUL L7

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\10.str



chain nodes :

12 19 26

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18

ring/chain nodes :

24

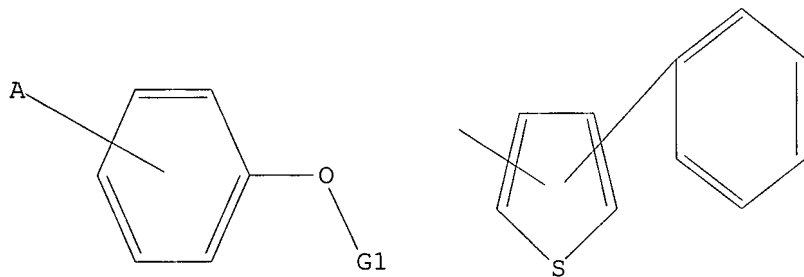
chain bonds :
 12-13 12-26
 ring bonds :
 1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15
 15-16 16-17 17-18
 exact/norm bonds :
 12-13 12-26
 exact bonds :
 1-2 1-5 2-3 3-4 4-5
 normalized bonds :
 6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15 15-16 16-17 17-18
 isolated ring systems :
 containing 1 : 6 : 13 :

G1:Cb,Ak

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
 20:Atom 22:Atom 24:CLASS 25:Atom 26:CLASS

L9 STRUCTURE UPLOADED

=> d
 L9 HAS NO ANSWERS
 L9 STR



G1 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s 19 full sub=L8
 FULL SUBSET SEARCH INITIATED 11:55:28 FILE 'REGISTRY'
 FULL SUBSET SCREEN SEARCH COMPLETED - 12969 TO ITERATE
 100.0% PROCESSED 12969 ITERATIONS 12463 ANSWERS
 SEARCH TIME: 00.00.01
 L10 12463 SEA SUB=L8 SSS FUL L9
 => d scan

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\12.str



chain nodes :

12 19 23 27 28 30

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18

ring/chain nodes :

24

chain bonds :

2-27 3-28 4-30 5-7 12-13 12-23

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15

15-16 16-17 17-18

exact/norm bonds :

2-27 3-28 4-30 12-13 12-23

exact bonds :

1-2 1-5 2-3 3-4 4-5 5-7

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15 15-16 16-17 17-18

isolated ring systems :

containing 1 : 6 : 13 :

G1:Cb,Ak

G2:H,[*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS

20:Atom 23:CLASS 24:CLASS 27:CLASS 28:CLASS 30:CLASS

L11 STRUCTURE UPLOADED,

=>

Uploading C:\Program Files\Stnexp\Queries\10540330\11.str



```

chain nodes :
12 19 23 27 28 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18
ring/chain nodes :
24
chain bonds :
2-27 3-28 4-8 5-30 12-13 12-23
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15
15-16 16-17 17-18
exact/norm bonds :
2-27 3-28 5-30 12-13 12-23
exact bonds :
1-2 1-5 2-3 3-4 4-5 4-8
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 13-14 13-18 14-15 15-16 16-17 17-18
isolated ring systems :
containing 1 : 6 : 13 :

```

G1:Cb,Ak

G2:H, [*1]

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:Atom 23:CLASS 24:CLASS 27:CLASS 28:CLASS 30:CLASS

```

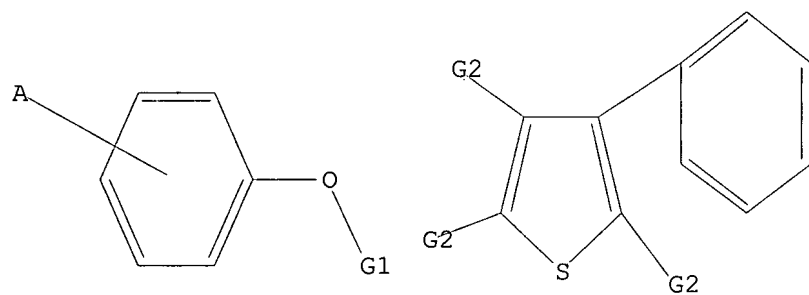
L12 STRUCTURE UPLOADED

=> d

L12 HAS NO ANSWERS

L12 STR

1



G1 Cb,Ak

G2 H, [01]

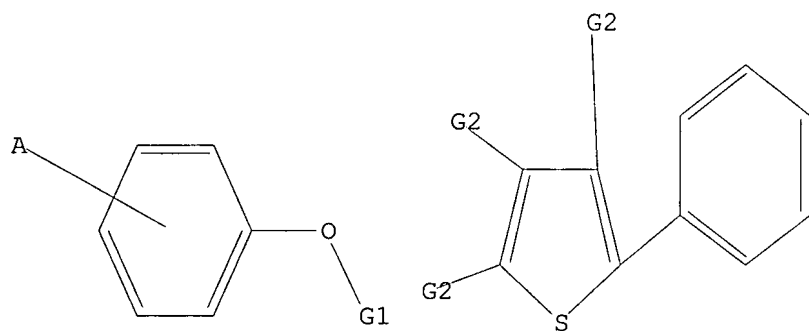
Structure attributes must be viewed using STN Express query preparation.

=> d l11

L11 HAS NO ANSWERS

L11 STR

1



G1 Cb,Ak

G2 H, [01]

Structure attributes must be viewed using STN Express query preparation.

```
=> s l11 full sub=L10
FULL SUBSET SEARCH INITIATED 12:00:09 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -      2559 TO ITERATE

100.0% PROCESSED      2559 ITERATIONS          937 ANSWERS
SEARCH TIME: 00.00.01
```

L13 937 SEA SUB=L10 SSS FUL L11

```
=> s l12 full sub=L10
FULL SUBSET SEARCH INITIATED 12:00:18 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -     10195 TO ITERATE

100.0% PROCESSED     10195 ITERATIONS          428 ANSWERS
SEARCH TIME: 00.00.01
```

L14 428 SEA SUB=L10 SSS FUL L12

=> d scan

=> d his

(FILE 'HOME' ENTERED AT 11:49:07 ON 05 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:49:20 ON 05 SEP 2007

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED
L4 50 S L3
L5 21110 S L3 FULL
L6 STRUCTURE UPLOADED
L7 STRUCTURE UPLOADED
L8 12969 S L7 FULL SUB=L5
L9 STRUCTURE UPLOADED
L10 12463 S L9 FULL SUB=L8
L11 STRUCTURE UPLOADED
L12 STRUCTURE UPLOADED
L13 937 S L11 FULL SUB=L10
L14 428 S L12 FULL SUB=L10

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	343.70	343.91

FILE 'CAPLUS' ENTERED AT 12:01:42 ON 05 SEP 2007

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FILE COVERS 1907 - 5 Sep 2007 VOL 147 ISS 11

FILE LAST UPDATED: 4 Sep 2007 (20070904/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l13

L15 246 L13

=> s l14

L16 88 L14

=> s l15 or l16

L17 262 L15 OR L16

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.17

349.08

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:08:18 ON 05 SEP 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJMN1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 13:28:30 ON 05 SEP 2007

FILE 'CAPLUS' ENTERED AT 13:28:30 ON 05 SEP 2007

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.17

349.08

=> d his

(FILE 'HOME' ENTERED AT 11:49:07 ON 05 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:49:20 ON 05 SEP 2007

L1 STRUCTURE UPLOADED

L2 50 S L1

L3 STRUCTURE UPLOADED

L4 50 S L3

L5 21110 S L3 FULL

L6 STRUCTURE UPLOADED

L7 STRUCTURE UPLOADED

L8 12969 S L7 FULL SUB=L5

L9 STRUCTURE UPLOADED

L10 12463 S L9 FULL SUB=L8

L11 STRUCTURE UPLOADED

L12 STRUCTURE UPLOADED

L13 937 S L11 FULL SUB=L10

L14 428 S L12 FULL SUB=L10

FILE 'CAPLUS' ENTERED AT 12:01:42 ON 05 SEP 2007

L15 246 S L13

L16 88 S L14

L17 262 S L15 OR L16

=> s l17 and ppar

9692 PPAR

L18 12 L17 AND PPAR